

ABSTRACT OF THE INVENTION

A signal receiver and a method for correcting frequency dependent IQ phase errors. The receiver uses a calibration tone generator for generating a calibration tone for providing in-phase (I) and quadrature phase (Q) tone components, I and Q filters for 5 filtering the I and Q calibration tone components for issuing filtered I and Q output tones having undesired frequency dependent I/Q phase error, and a correlator for cross correlating the I and Q output tones for providing a correlation feedback signal. At least one of the I and Q filters has at least one adjustable pole and one adjustable zero. The correlation feedback signal adjusts the frequency of the adjustable poles and zeroes for 10 reducing the frequency dependent I/Q phase error.